

INTERNATIONAL SEARCH REPORT

International Application No
T/GB2004/002417

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C30B29/22 C30B17/00 C30B9/00 H01L39/00 C04B35/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C30B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WEINSTEIN R ET AL: "A class of chemical pinning centers including two elements foreign to HTS" PHYSICA C, NORTH-HOLLAND PUBLISHING, AMSTERDAM, NL, vol. 383, no. 4, 1 January 2003 (2003-01-01), pages 438-444, XP004399226 ISSN: 0921-4534 the whole document page 440 ----- -/--	1-4, 22

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

2 September 2004

Date of mailing of the international search report

09/09/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>WEINSTEIN R ET AL: "Very high values of J_c obtained in $NdBa_2Cu_3O_x$ by use of the U/n process"</p> <p>PHYSICA C, NORTH-HOLLAND PUBLISHING, AMSTERDAM, NL, vol. 383, no. 3, 15 December 2002 (2002-12-15), pages 214-222, XP004391510 ISSN: 0921-4534 the whole document</p>	1
A	<p>EP 0 890 661 A (INT SUPERCONDUCTIVITY TECH ; SUMITOMO ELECTRIC INDUSTRIES (JP)) 13 January 1999 (1999-01-13)</p>	
A	<p>HARI BABU N ET AL: "Effect of the addition of depleted UO_2 on the microstructure of melt processed Y-Ba-Cu-O superconductors"</p> <p>PHYSICA C, NORTH-HOLLAND PUBLISHING, AMSTERDAM, NL, vol. 372-376, August 2002 (2002-08), pages 1183-1186, XP004375638 ISSN: 0921-4534</p>	
A	<p>WEINSTEIN P ET AL: "The role of uranium, with and without irradiation, in the achievement of J_c { 300,000 A cm⁻² at 77 K in large grain melt-textured Y_{123}"</p> <p>MATERIALS SCIENCE AND ENGINEERING B, ELSEVIER SEQUOIA, LAUSANNE, CH, vol. 53, no. 1-2, 1 May 1998 (1998-05-01), pages 38-44, XP004139989 ISSN: 0921-5107</p>	
A	<p>SAWH R-P ET AL: "Uranium chemistry and pinning centers in high temperature superconductor"</p> <p>PHYSICA C, NORTH-HOLLAND PUBLISHING, AMSTERDAM, NL, vol. 305, no. 3-4, 1 September 1998 (1998-09-01), pages 159-166, XP004150793 ISSN: 0921-4534</p>	
A	<p>WEINSTEIN R ET AL: "Properties of HTS for Successful U/n Processing"</p> <p>PHYSICA C, NORTH-HOLLAND PUBLISHING, AMSTERDAM, NL, vol. 341-348, November 2000 (2000-11), pages 1415-1418, XP004315950 ISSN: 0921-4534</p>	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2004/002417

Patent document cited in search report	Publication date	Patent family member(s)	Publication date	
EP 0890661	A	13-01-1999	JP 11021126 A	26-01-1999
			DE 69812781 D1	08-05-2003
			DE 69812781 T2	23-10-2003
			EP 0890661 A1	13-01-1999
			US 6083886 A	04-07-2000
